

REMARKS

In the foregoing amendments, claims 1 and 2 were amended to include descriptions of a first design department (i.e., design department) and a second design department (i.e., production department), such as described at about the middle of page 13 and elsewhere in applicant's specification disclosure. Claims 4-6 also were amended in accordance with the fourth aspect of the invention set forth in the second complete paragraph on page 10 and elsewhere in applicant's specification disclosure. Allowance of these claims, together with the allowed claim 3, is respectfully requested for the following reasons.

The Official action set forth a rejection of claims 4-6 under 35 U.S.C. §112, second paragraph, in sections 1-4 on page 2 of the Official action. As mentioned above, claims 4-6 were amended in accordance with the fourth aspect of the invention set forth in the second complete paragraph on page 10 of the application. Claims 4-6 now defined that the component parts include a first part that has a relationship to refer to a second part. In the situation where only the first part of these parts is integrated; certain steps are carried out that include deleting the identification ID of the second part from the stored data, and changing the reference relationship so that the first part refers to a part other than the second part.

Applicant respectfully submits that claims 4-6 particularly point out and distinctly claim the subject matter regarded as the invention within the meaning of 35 U.S.C. §112, second paragraph. Therefore, applicant

respectfully requests that the examiner reconsider and withdraw this rejection. Since claim 6 was not rejected over prior art and is in compliance with 35 U.S.C. §112, second paragraph, a formal allowance of this claim is respectfully requested.

Claims 1, 2, 4, and 5 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. patent No. 6,063,128 of Bentley *et al.* (Bentley). The statement of this rejection is set forth on pages 3-6 of the Official action. Applicant respectfully submits that the teachings of Bentley do not disclose or suggest the invention is set forth in the present claims within the meaning of 35 U.S.C. § 102(b) or 35 U.S.C. § 103(a).

Within the subject matter of the presently claim invention, when one common 3D model is concurrently created in the design department (the claimed first design department) and in the production department (the claimed second design department), the model created in the design department (the claimed first design department) and the copied model created in the production department (the claimed second design department) are compared with each other. When so compared, if a difference occurs in the contents of parts of the model having the same identification ID, the identification ID of the model which was created either in the design department (the claimed first design department) or in the production department (the claimed second design department) is changed to integrate into the same 3D model. Applicant respectfully submits that the teachings of

Bentley do not remotely contemplate or suggest such a configuration or arrangement.

The teachings of Bentley are concerned with an object-oriented CMS, which basically discloses that data of a model is stored in a database 17 in a format that does not depend on the hardware and OS of the respective platforms 19, 19 ..., that the data in the database 17 is taken into the respective platforms via the kernel 12, and that the respective platforms change the objects of the model.

There are significant differences between the presently claimed invention and the teachings of Bentley that patently distinguish the presently claimed invention from the teachings of Bentley. For example, applicant's claims require that the model created by the design department (the claimed first design department) and the model copied by the production department (the claimed second design department) are compared and subsequently integrated into the same 3D model. On the other hand, the teachings of Bentley do not remotely contemplate or suggest that the models created by the respective platforms 19, 19... are compared and integrated into the same 3D model.

Further, in the presently claimed invention, the flag is used to judge whether the identification ID of the model created either in the design department (the claimed first design department) or in the production department (second claimed design department) is to be changed or not. This aspect of the presently claimed invention is not suggested within the teachings

of Bentley. At best, Bentley simply proposes that a flag is used to change the objects of the model (Fig. 12), but is not used to judge whether for not the identification ID of the model is to be changed.

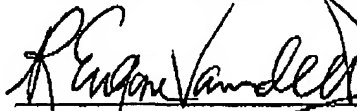
For the foregoing reasons, applicant respectfully submits that the teachings of Bentley do not contemplate or suggest the structures and procedures of applicant's claims. Therefore, applicant respectfully requests that the examiner reconsider and withdraw the rejection of claims 1, 2, 4, and 5 over these teachings.

For the foregoing reasons, applicant respectfully submits that the invention as set forth in present claims 1-6 is patently distinguishable from the teachings of Bentley. Therefore, applicant respectfully requests that the examiner reconsider and withdraw the rejection over Bentley as set forth in the outstanding Office action.

The foregoing is believed to be a complete and proper response to the Official action mailed December 5, 2003. While it is believed that all the claims in this application are in condition for allowance, should the examiner have any comments or questions, it is respectfully requested that the undersigned be telephoned at the below listed number to resolve any outstanding issues.

In the event that this paper is not timely filed, applicant hereby petitions for an appropriate extension of time. The Commissioner is hereby authorized to charge the fee therefor, as well as any deficiency in the payment of the required fee(s) or credit any overpayment, to our Deposit Account No. 22-0256.

Respectfully submitted,
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PATENT APPLICATION Docket No. VX022402
U.S. Patent Appln. S.N.: 10/045,086 Filed: 1/15/02
Applicant(s): Shinya KANO
Title: THREE-DIMENSIONAL CAD SYSTEM

Papers filed herewith on: March 02, 2004

(X) Response Under 37 C.F.R. § 1.111



Receipt is hereby acknowledged of the papers as filed as indicated in connection with
the above-identified case. (REV/jmd) COMMISSIONER FOR PATENTS